hp TFT5600 rackmount keyboard and monitor

installation instructions

Read Instructions Completely
Before Beginning Installation Procedures

230201- 022

About this Device

The TFT5600 Rackmount Keyboard and Monitor (RKM) is a rack-mountable 1U integrated flat panel monitor, with a 15-inch (38.1 cm) color active matrix Thin Film Transistor (TFT) Liquid Crystal Display (LCD), and keyboard with hot keys and track ball.

NOTE: 1U= 1.75 inches or 44.45 cm

The TFT5600 RKM is mounted on rails with space to add the HP 1U switch box behind the unit. The TFT5600 RKM can be used with all Compaq 9000 Series racks and HP 10000 Series racks.

Kit Contents

Below are the items and quantities required for assembly:

- M-6 cage nuts (2)
- M-6 screws (8)
- 6-32 screws (12)
- Mounting rails with slide (2)
- Cable management arm (1)
- Brace (1)
- TFT 5600 RKM (1)
- Lock plate (2)
- Rack template (1)

This kit may contain extra pieces of hardware for your convenience.

Optional Equipment

- Video Connector Adapter Option Kit (Part number 149361-B21)—The video connector adapter provides an interface for video connectors that are missing pin 9.

Tools Required

- Phillips screwdriver
- T-15 Torx driver

Rack Considerations

Before beginning these procedures, make sure you understand and follow these precautions:

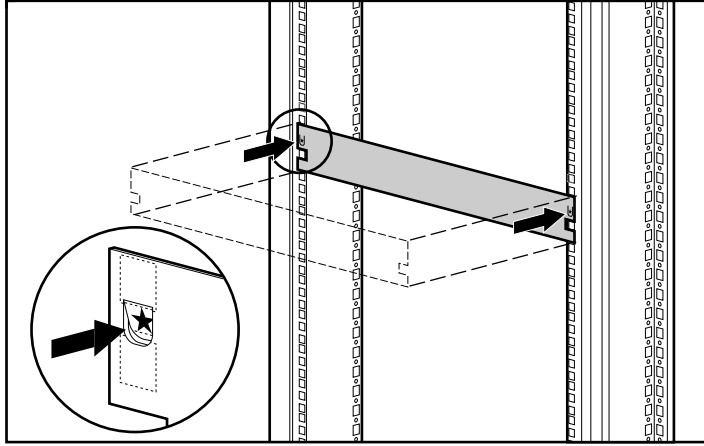> ⚠ **WARNING: To reduce the risk of personal injury or damage to the equipment, be sure that:**
> - **The leveling jacks are extended to the floor.**
> - **The full weight of the rack rests on the leveling jacks.**
> - **The stabilizing feet are attached to the rack, if it is a single-rack installation.**
> - **The racks are coupled in multiple-rack installations.**
> - **Only one component is extended at a time. A rack may become unstable if more than one component is extended for any reason.**

Installing the TFT5600 RKM

1. Determine the appropriate rack position for the TFT5600 RKM, generally 20U or user preference.

   Measuring from the top of the component, use the template on the front and rear of the rack frame to mark the attachment points for the mounting brackets and rear cage nuts.
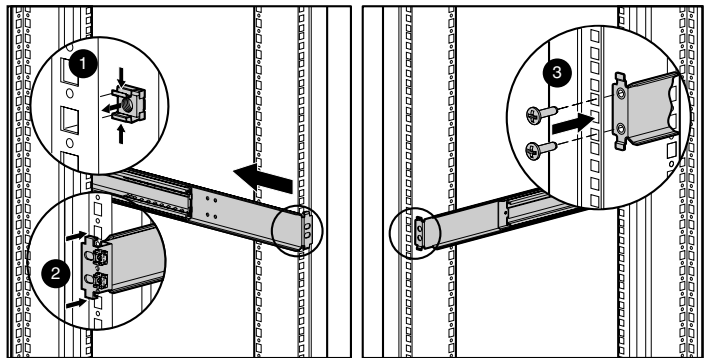
NOTE: When using the template on the back of the rack, mark the rack at the top of the template to help align the next component.

2. Install the mounting rails with slides.

   a. Insert one cage nut (1) into the hole marked with the rack template on the rear of the rack.

   b. Hook the tabs on the mounting rail into the appropriate holes on the rear of the rack, and insert one screw (2).

IMPORTANT: Be sure to align the front screw holes when attaching the mounting rail to the rear of the rack.
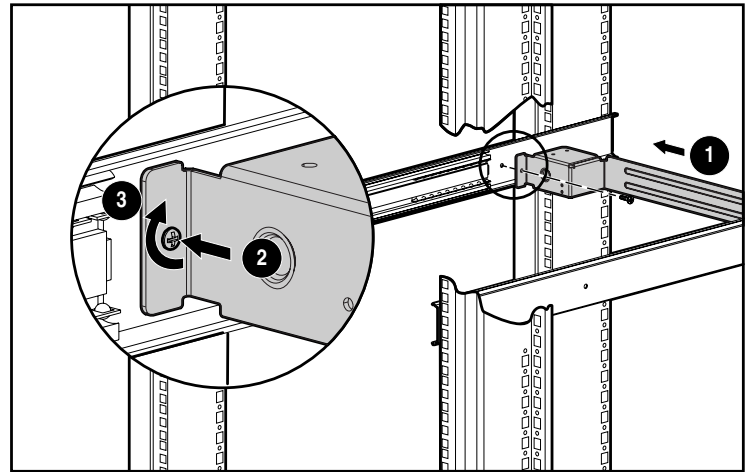
   c. Insert two M-6 screws into the holes at the front of the rack, and then tighten (3).

   d. Repeat steps 2a through 2c to install the other mounting rail.
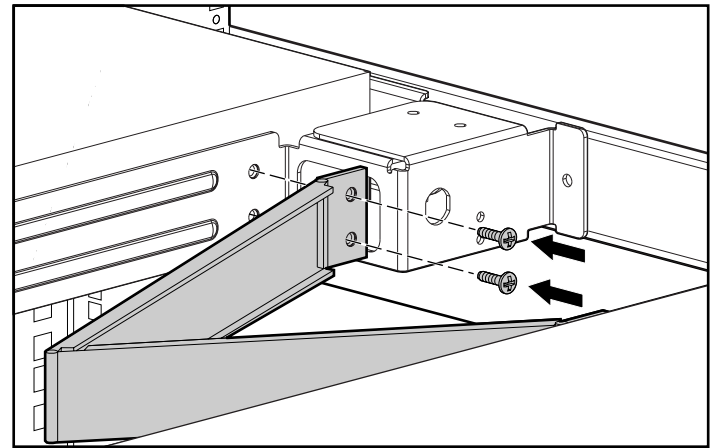

3. Attach the brace assembly to each mounting rail with the cable access hole facing the right side of the rack.

NOTE: Make sure the cable access hole is positioned on the right, to allow appropriate routing of cables.
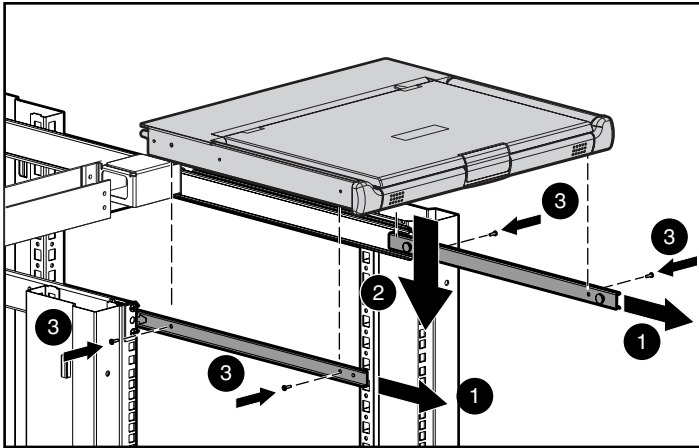
   a. Flex the rail out slightly to allow the brace to be inserted. Align the screw holes on the brace with the screw holes on the rails (1).

   b. Insert one 6-32 screw (2) on each side.

   c. Tighten the screws (3).

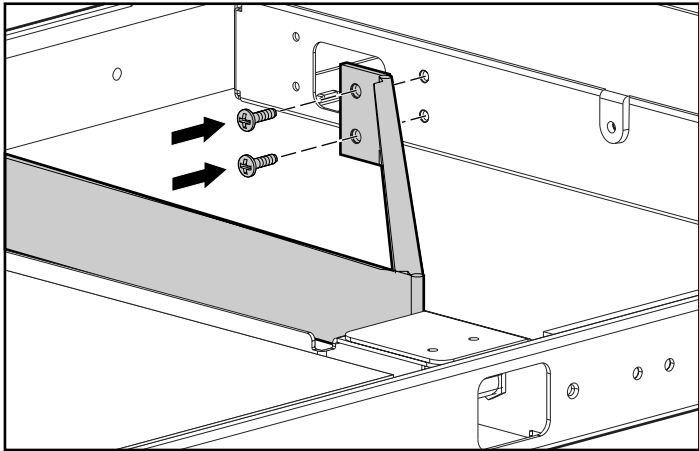

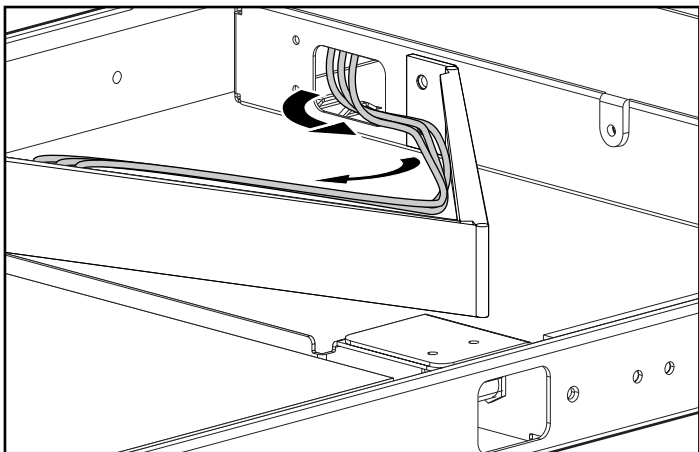4. Attach the cable management arm to the right corner of the brace and secure it with two 6-32 screws.

5. Install the tray assembly.
   a. Fully extend the sliding rails until locked (1).
   b. Place the tray assembly on the rails, aligning the screw holes on the tray with the tabs on the rails (2).
   c. Secure with two 6-32 screws on each side (3).

6. Attach the cable management arm to the rear of the tray with two 6-32 screws.

7. Carefully route the keyboard power and video cables into the cable management arm. Then route the cables through the mounting rail opening.

8. Place the tray back into the rack.
   a. Slide the locking bar (1) to unlock.

IMPORTANT: If the TFT5600 RKM is not properly aligned with other rack-mounted devices when installed, cosmetic damage to the top of the unit can occur due to interference. Leave protective sheet on the unit while adjusting.
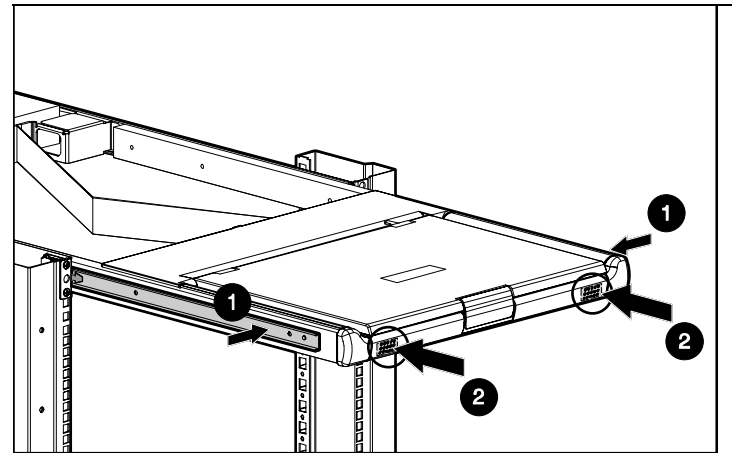
   b. Carefully push the tray (2) into the rack.

IMPORTANT: If the TFT5600 RKM interferes with the other rack-mounted devices, above or below, loosen the M-6 screws on the mounting rails to make appropriate adjustments.

Installation is complete.